NOVEMBER/DECEMBER 2024

FCA51/FCS51/FSC51/ CCA51/CCS51/CSC51 — MOBILE APPLICATION DEVELOPMENT

Time : Three hours | Maximum : 75 marks

SHANMUGA INDUSTRIES ARTS & SCIENCE COLLEGE LIBRARY

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is a smart phone?
2. Define IDE.
3. What is Intent?
4. What are the picker views for intent?
5. How to handle the file in data persistence?
6. Define content providers.
7. What are the remote services in android?
8. Define Async Task in multi-threading.
9. What are the guide lines for publishing android app?
10. Define property animation.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) What are the various platforms in mobile application development? Explain.

Or

(b) How to setup the emulator in IDE? Explain.

12. (a) What is the lifecycle of activities in GUI for android? Explain.

Or

(b) Explain the user interface design components.

13. (a) Examine the different data persistence schemes.

Or

(b) How to manage data using SQLite database? Explain.

14. (a) Elaborate on binding the android services.

Or

(b) How to connect the REST-based web services? Explain.

15. (a) Explain the Google maps V2 services using Google API.

Or

(b) Discuss about the view and drawable animations for graphics.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss on the android platform architecture and its features.

17. Illustrate the specialized fragment and adding categories to intent.

18. Elaborate the android in build content providers.

19. Explain about the telephony manager.

20. Discuss about the media and camera API in detail.

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